# EAST Search History

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|---|---|---|---|---|---|---|
| S57 | 122 | (473/221).CCLS. | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2007/02/08 19:17 |
| S58 | 22 | S56 AND (infrared OR ultra?sonic) | US-PGPUB; USPAT; USOCR; DERWENT | AND | ON | 2007/02/08 19:17 |
| S59 | 22 | S56 AND (infrared OR ultra$1sonic) | US-PGPUB; USPAT; USOCR; DERWENT | AND | ON | 2007/02/08 19:17 |
| S60 | 1 | 11290496a | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2007/02/08 19:17 |
| S61 | 4 | "4630829".pn. "5718639".pn. | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2007/02/08 19:17 |
| S62 | 3 | ("3938809").PN. | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2007/02/08 19:17 |
| S63 | 3 | ("3784207").PN. | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2007/02/08 19:17 |
| S64 | 2 | ("4086630").PN. | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2007/02/08 19:17 |
| S65 | 0 | ("2005/0197198").URPN. | USPAT | OR | ON | 2007/02/08 19:17 |
| S66 | 0 | ("2005/0197198").URPN. | USPAT | OR | ON | 2007/02/08 19:17 |
| S67 | 2 | ("2004/0137997").URPN. | USPAT | OR | ON | 2007/02/08 19:17 |
| S68 | 1 | ("2004/0127304").URPN. | USPAT | OR | ON | 2007/02/08 19:17 |
| S69 | 15 | ("20040127304" \| "20040137999" \| "20050130755" \| "20050202893" \| "3870314" \| "4130283" \| "4451043" \| "4971325" \| "5156398" \| "5593355" \| "5885168" \| "6106409" \| "6616556" \| "6793585" \| "6821210").PN. OR ("7104900"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/08 19:17 |
| S70 | 3 | S69 emitter | US-PGPUB; USPAT; USOCR; DERWENT | AND | ON | 2007/02/08 19:17 |

| S71 | 3 | S69 infrared | US-PGPUB; USPAT; USOCR; DERWENT | AND | ON | 2007/02/08 19:17 |
|---|---|---|---|---|---|---|
| S72 | 20 | ("2897674" \| "3187578" \| "3380305" \| "3677552").PN. OR ("3870314"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/08 19:17 |
| S73 | 2 | S69 ultra$1sonic | US-PGPUB; USPAT; USOCR; DERWENT | AND | ON | 2007/02/08 19:17 |
| S74 | 29 | ("3953034" \| "4146230" \| "4304406" \| "4306722" \| "4451043" \| "4456257" \| "4502035" \| "4693479" \| "4758000" \| "4858934").PN. OR ("4971325").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/08 19:17 |
| S75 | 25 | ("2571974" \| "3024453" \| "3870314" \| "3880432" \| "3934874" \| "3936055" \| "4130283" \| "4304406" \| "4327918").PN. OR ("4451043"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/08 19:17 |
| S76 | 13 | S75 AND (emitter infrared sensor ultra$sound) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/08 19:17 |
| S77 | 37 | ("3415517" \| "3678495" \| "3948522" \| "4090707" \| "4094504" \| "4101132" \| "4138118" \| "4141549" \| "4257594" \| "4383690").PN. OR ("4822042").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/08 19:17 |
| S78 | 25 | ("2571974" \| "3024453" \| "3870314" \| "3880432" \| "3934874" \| "3936055" \| "4130283" \| "4304406" \| "4327918").PN. OR ("4451043"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/08 19:17 |
| S79 | 41 | ("3194563" \| "3601408" \| "3778064" \| "3892414" \| "4137566" \| "4155555" \| "4163941" \| "4180726" \| "4251077" \| "4254956" \| "4304406" \| "4342456" \| "4542906" \| "4615526" \| "4652121" \| "4767121" \| "4770527" \| "4844469" \| "4858934" \| "4958836" \| "4971325" \| "4979745" \| "4991850" \| "5056791" \| "5154427" \| "5245320" \| "5257084" \| "5269519" \| "5342054" \| "5472205" \| "D365620").PN. OR ("5718639"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/08 19:17 |

| S80 | 25 | ("4106772" \| "4146230" \| "4254956" \| "4342455" \| "4971325" \| "4991850" \| "5067717" \| "5114150" \| "5209483" \| "5368042" \| "5472205" \| "5474298" \| "5685782" \| "5697791" \| "5718639" \| "5826874" \| "5836829" \| "5882269" \| "5907819" \| "5935014" \| "5976022" \| "6227984" \| "6302802").PN. OR ("6821211"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/08 19:17 |
|-----|-----|------|------|------|------|------|
| S81 | 0 | ("2005/0197198").URPN. | USPAT | OR | ON | 2007/02/08 19:17 |
| S82 | 960 | golf ultra$1sonic | US-PGPUB; USPAT; USOCR; DERWENT | AND | ON | 2007/02/08 19:17 |
| S83 | 342 | S82 infrared | US-PGPUB; USPAT; USOCR; DERWENT | AND | ON | 2007/02/08 19:17 |
| S84 | 216 | S83 controller | US-PGPUB; USPAT; USOCR; DERWENT | AND | ON | 2007/02/08 19:17 |
| S85 | 13 | S84 photodiode | US-PGPUB; USPAT; USOCR; DERWENT | AND | ON | 2007/02/08 19:17 |
| S86 | 0 | ("2005/0064948").URPN. | USPAT | OR | ON | 2007/02/08 19:17 |
| S87 | 999 | ("473/198" \| "473/199" \| "473/209" \| "473/219" \| "473/220" \| "473/225" \| "473/236" \| "473/237" \| "473/257").ccls. | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2007/02/08 19:17 |
| S88 | 268 | S87 (trigg$5 OR activat$3) | US-PGPUB; USPAT; USOCR; DERWENT | AND | ON | 2007/02/08 19:17 |
| S89 | 35 | S88 (micro$1controller OR controller) | US-PGPUB; USPAT; USOCR; DERWENT | AND | ON | 2007/02/08 19:17 |
| S90 | 873 | golf acoustic$3 (emitt$3 OR light OR infrared OR sensor OR detect$3) | US-PGPUB; USPAT; USOCR; DERWENT | AND | ON | 2007/02/08 19:17 |
| S91 | 342 | S90 controller | US-PGPUB; USPAT; USOCR; DERWENT | AND | ON | 2007/02/08 19:17 |

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|---|---|---|---|---|---|---|
| S92 | 43 | (473/198).CCLS. | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2007/02/08 19:17 |
| S93 | 17 | S87 ultra$1sonic | US-PGPUB; USPAT; USOCR; DERWENT | AND | ON | 2007/02/08 19:17 |
| S94 | 12 | S88 ultra$1sonic | US-PGPUB; USPAT; USOCR; DERWENT | AND | ON | 2007/02/08 19:17 |
| S95 | 0 | ("2005/0064948").URPN. | USPAT | OR | ON | 2007/02/08 19:17 |
| S96 | 2 | ("5481355").PN. | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2007/02/08 19:17 |
| S97 | 2 | golf swing analyz$5 software | US-PGPUB; USPAT; USOCR; DERWENT | ADJ | ON | 2007/02/08 19:17 |
| S98 | 2 | ("6821211").PN. | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2007/02/08 19:17 |
| S99 | 40 | golf swing software | US-PGPUB; USPAT; USOCR; DERWENT | WITH | ON | 2007/02/08 19:17 |
| S100 | 0 | golf swing software | US-PGPUB; USPAT; USOCR; DERWENT | NEAR | ON | 2007/02/08 19:17 |
| S101 | 3 | player stands swing | US-PGPUB; USPAT; USOCR; DERWENT | ADJ | ON | 2007/02/08 19:17 |
| S102 | 1286 | golf stance base | US-PGPUB; USPAT; USOCR; DERWENT | AND | ON | 2007/02/08 19:17 |
| S103 | 4 | S102 grid adj surface | US-PGPUB; USPAT; USOCR; DERWENT | AND | ON | 2007/02/08 19:17 |
| S104 | 0 | player stands to swing | US-PGPUB; USPAT; USOCR; DERWENT | ADJ | ON | 2007/02/08 19:17 |

| S105 | 80 | golf stance base | US-PGPUB; USPAT; USOCR; DERWENT | WITH | ON | 2007/02/08 19:17 |
|---|---|---|---|---|---|---|
| S106 | 352 | golf stance base | US-PGPUB; USPAT; USOCR; DERWENT | SAME | ON | 2007/02/08 19:17 |
| S107 | 484 | ("473/218" \| "473/217" \| "473/266" \| "473/270" \| "473/271" \| "473/273").ccls. | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2007/02/08 19:17 |
| S108 | 0 | S107 AND checkered | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2007/02/08 19:17 |
| S109 | 0 | S107 AND checkerd | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2007/02/08 19:17 |
| S110 | 29 | S107 AND grid | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2007/02/08 19:17 |
| S111 | 1 | S107 AND grid near surface | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2007/02/08 19:17 |